CANADIAN PACIFIC Fla 4-4-4

continuously endeavour to develop and maintain such relationships."

Janadian Pacific Receiving Fla Locomotives

from Canadian Locomotive Co., King-ston, Ont., the 20 4-4-4 locomotives, the The Canadian Pacific is now receiving ordering of which was mentioned in these An illustration of one of these units, no. 2910, is given herewith. The chief columns at the time the order was pluced. dimensions are as follows:-

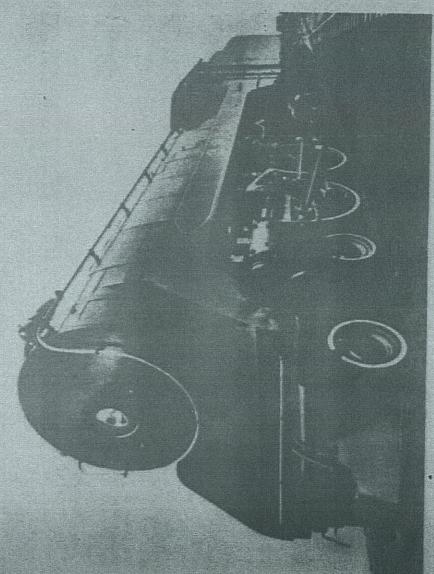
motives were designated as of the F2a class, and, like the 20 now being delivered, have the 4-4-4 wheel arrange-ment. The F2a locamotives have 80 in. preliminary information on the locomodriving wheels, whereas the new ones lives now being delivered is contained in are equipped with 75 in, wheels,

locomotives, giving a smouth and modern appearance not unlike that of the latest have been incorporated in the new 2900%. conveying a vivid impression of speed cal details that have proved successful in recent Canadian Pacific locomotives type of high-speed English engines, and Many interesting mechaniand power.

The development toward smaller locumotives is very evident in the new 2900's. motives in Canada, of which the newest engine and tender as a unit, the new new mark in the design of modern locoones are approximately five feet shorter, while the estimated light weight is 32,300 as compared with recent engines structed by the Canadian Pacific way, Last year's "Jubilee" trains ones are a further example. pounds less.

The advantage of this is expected to tion and in efficiency, especially when make itself evident in economy of operanickel steel, carrying a, pressure of 300 maintain strength with minimum weight. boiler, for instance, is made of pounds per square inch without undaily increasing the weight. The frames are main rods and side rods are also of high of high tensile nickel cast steel and all under the difficult modern have been used tensile nickel steel in order to conditions met with in handling satisfactory service Special materials passenger trains. The

main rods to main driving wheels of the new locomotive, as compared with last year's "Jubilee" type, will be noted. The driving wheels have been reduced from 80 to 75 inches and have been A change in the attachment of



Canadian Pacific Railway Semi-streamlined Lecomotive, Class Fig.

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		Driving v		Tanda.

These occomotives, of semi-streamlined form, hear quite a bit of resemblance to the "Jubilee" type locomotives which were introduced by the Canadian Pacific last year, and which were described fully and illustrated in our September, 1986, issue, beginning on pg. 397. However, the 20 new locomotives, designated as of the Fla class, are (taking locomotive and tender as a unit) some 5 ft, shorter than the Jubilee type, and weigh 32,300 lb. less. Last year's Jubilee type loco-

information to hand from the Canadian Pacific Publicity Department, as in the following.

Fower, speed, and economy of operation are the main features of 20 new Canadian Pacific Railway locomotives, the first of which has just been brought to Montreal from the Canadian Locomotive Company at Kingston, This order will bring the number of new locomotives bought this year by the Canadian Pacific Railway to a total of 50.

The newest engine combines many of the best features of the successful "Jubilee" or 3000 type and of the newest series of 2800's, 30 of which were produced earlier this year. The new series has been assigned numbers 2910 to 2929 and placed in the Fla class of the company inventory. It is expected that, after exhaustive tests, they will be placed in passenger service.

The appearance of the 20 new locomotives is very smart. H. B. Bowen, Chief of Motive Power and Rolling Stock, has embodied in their design the popular semi-streamlined appearance which he first developed in the "Jubilee" locomotives of last year and also incorporated in the 30 new 2800's built this year. Headlight, smokestack, and domes are merged into the flowing lines of the new

A change in the attachment of the main rods to main driving wheels of the new locomotive, as compared with last year's "Jubilee" type, will be noted. The driving wheels have been reduced from 80 to 75 inches and have been moved closer to the cylinders, permitting attachment of the main rod to the back pair

of driving wheels.
Special features include a screw-operated reverse gear, roller bearings on the engine trucks, type "E" superheater with multiple throttle, and Elesco feed water heater. Valve motion is of the Walschaert type, with a valve travel of six and one-half inches.

The Club's November meeting, addressed by F. W. Collins, Industrial Agent, C.P.R., Toronto, and S. J. Raymond, Club's January meeting will be held at the Royal York Hotel, Toronto, on Jan. 24, and will be addressed by W. J. McGarry, Manager, Open Car Section, Car Service Division, A.A.R. Hotel, Toronto Dec. 4. The chief speaker will be S. W. Fairweather, Director, Bureau of Economics, Canadian National Rys., whose subject will be "The Road Ahead". The speaker on behalf of the supply men will be J. B. Carswell, President, Burlington Steel Co. A splendid ronto, was very successful, and was Toronto Railway (Jub is to hold its seventh annual dinner at Royal York has been Commissioner of Industries, C.N.R., Toattended by the industrial commissioners number of municipalities.-The arranged by the committee under G. Roy Jones, of Canadian Pacific Express Co.programme of entertainment Division, A.A.R.